

CLAIMS:

1. An organic electroluminescent display panel comprising:

one or more organic electroluminescent elements each having first and second display electrodes and one or more organic functional layers of organic compounds sandwiched and layered between said first and second display electrodes, the organic functional layers including a light-emitting layer;

a resin substrate supporting the organic electroluminescent elements; and

an inclusion-inorganic-barrier laminate provided at least between said organic electroluminescent elements and said resin substrate and having a high-molecular compound layer in a form of being in contact with said organic electroluminescent elements.

2. An organic electroluminescent display panel according to claim 1, wherein said inclusion-inorganic-barrier laminate is made of silicon oxynitride.

3. An organic electroluminescent display panel according to claim 1 or 2, wherein said inclusion-inorganic-barrier laminate is formed by a sputter deposition process.

4. An organic electroluminescent display panel according to any one of claims 1-3, wherein said high-molecular compound film is formed by a photolithography

process or a printing process.

5. An organic electroluminescent display panel according to any one of claims 1-4, further comprising a sealing film for covering said organic electroluminescent elements from a rear side thereof.

6. An organic electroluminescent display panel according to claim 5, wherein said sealing film is an inorganic passivation film, and said organic electroluminescent element is entirely and hermetically covered with said inclusion-inorganic-barrier laminate and said sealing film.

7. An organic electroluminescent display panel according to any one of claims 1-6, wherein said inclusion-inorganic-barrier laminate comprises one or more inorganic-barrier film pairs sandwiching said high-molecular compound film in a thickness direction thereof.

8. A method of manufacturing an organic electroluminescent display panel comprising one or more organic electroluminescent elements and a resin substrate supporting the organic electroluminescent elements, comprising the steps of:

forming a first inorganic barrier film having an area so as to cover the resin substrate;

forming, on or over said first inorganic barrier film, a high-molecular compound film having an area smaller than that of said first inorganic barrier film;

forming, on or over said high-molecular compound film, a second inorganic barrier film having an area larger than that of said high-molecular compound film;

forming, on or over said second inorganic barrier film, one or more organic electroluminescent elements, each having first and second display electrodes and one or more organic functional layers of organic compounds sandwiched and layered between said first and second display electrodes, the organic functional layers including a light-emitting layer.

9. An organic electroluminescent display panel according to claim 8, wherein said first and second inorganic barrier films are made of silicon oxynitride.

10. An organic electroluminescent display panel according to claim 8 or 9, wherein said first and second inorganic barrier films are formed by a sputter deposition process.

11. An organic electroluminescent display panel according to any one of claims 8-10, wherein said high-molecular compound film is formed by a photolithography process or a printing process.